

At page 70, line 17, insert --(SEQ ID NO:56)-- after "TAG-3")"
 At page 72, line 7, insert --(SEQ ID NO:57)-- after "AAC-3")"
 At page 72, line 8, insert --(SEQ ID NO:58)-- after "TTC-3' "
 At page 73, line 7, insert --(SEQ ID NO:59)-- after "TGC-3")"
 At page 73, line 14, insert --(SEQ ID NO:60)-- after "GC3' "
 At page 75, line 11, insert --(SEQ ID NO:61)-- after "TAG-3' "
 At page 75, line 13, insert --(SEQ ID NO:62)-- after "GGA-3' "
 At page 76, line 16, insert --(SEQ ID NO:63)-- after "GAC-3")"
 At page 76, line 33, insert --(SEQ ID NO:64)-- after "ACC-3")"

IN THE CLAIMS

Cancel claims 24, 27-39, 77, 79, 81, 86, 87-94, 97-101 and 104-106 without prejudice or disclaimer.

In line 1 of each of claims 70-76, 84, 85, 96, 102, and 107-109, delete "Method" and insert insert - - A method - -.

Amend the claims as follows, without prejudice or disclaimer:

(Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

R ²	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC
CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC
AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG
GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC
TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC
CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG
GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT
TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC
CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG

GAG AAA CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT
TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC
CTA CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a DNA comprising a sequence coding for a polypeptide which can be cleaved *in vivo*; and

B) DNA comprising the sequence:

R² GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC
CCT CAA AAT AAT TCG ATT TGC TGT ACC AAG TGC
CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT CCA
GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC
CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA
AAG GAA ATG GGT CAG GTG GAG ATC TCT TCT TGC
ACA GTG GAC CGG GAC ACC GTG TGT GGC TGC AGG
AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC
CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC
AAT GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA
CAG AAC ACC GTG TGC ACC TGC CAT GCA GGT TTC
TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT AGT
AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG
TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC ACT
GAG GAC TCA GGC ACC ACA,

or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or represents DNA coding for a polypeptide which can be cleaved *in vivo*;

C) a DNA sequence of A or B encoding at least one conservative amino acid substitution;

D) a DNA sequence of A or B encoding at least one amino acid substitution at a glycosylation site;

E) a DNA sequence of A or B encoding at least one amino acid substitution at a proteolytic cleavage site; and

F) a DNA sequence of A or B encoding at least one amino acid substitution at a cysteine residue.

78.9 (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

78920
Y3

CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT
AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA
AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA
ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG
GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC
ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC	AGC
TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG	GAG
ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT
GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT
GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC
CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG	AAA
CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC	TTT
CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC
CAG	ATT	GAG	AAT								

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

78921

CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA	GAT
AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT	CAA
AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA	GGA
ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG	CAG
GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC	TTC
ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC	AGC
TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG	GAG
ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG	TGT
GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG	AGT
GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC	TGC
CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG	AAA
CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC	TTT
CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC	TGT
AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA	CCC
CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA	GGC
ACC	ACA										

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

T0930

GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT
CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA
GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG
CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC
TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC
AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG
TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG
AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC
TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG
AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC
TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT							

, or a C- and/or N- terminally shortened sequence thereof; and

D) DNA comprising the sequence:

T0931

GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT
CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA
GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG
CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC
TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC
AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG
TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG
AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC
TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG
AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC
TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA
GGC	ACC	ACA									

, or a C- and/or N- terminally shortened sequence thereof;

E) a DNA sequence of A, B, C or D encoding at least one conservative amino acid substitution;

F) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a glycosylation site;

13
cont

G) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a proteolytic cleavage site; and

H) a DNA sequence of A, B, C or D encoding at least one amino acid substitution at a cysteine residue.

80. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is encoded by DNA selected from the group consisting of:

A) DNA comprising the sequence:

✓ T0940

ATG	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA
GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT
CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA
GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG
CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC
TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC
AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG
TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG
AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC
TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG
AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC
TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC
TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT							

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

T0941

ATG	CTG	GTC	CCT	CAC	CTA	GGG	GAC	AGG	GAG	AAG	AGA
GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC	CCT
CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC	AAA
GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG	GGG
CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC	TCC
TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC	CTC
AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG	GTG
GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC	GTG
TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT	TGG
AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC	CTC
TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG	GAG
AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT	TTC

TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT	AAC
TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC	CTA
CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC	TCA
GGC	ACC	ACA									

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

T0950
F4 cont

ATG	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC
CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC
AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG
GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC
TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC
CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG
GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT
TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC
CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT
TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT
AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC
CTA	CCC	CAG	ATT	GAG	AAT						

, or a C- and/or N- terminally shortened sequence thereof;

D) DNA comprising the sequence:

T0951

ATG	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA	TAT	ATC	CAC
CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC	AAG	TGC	CAC
AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC	TGT	CCA	GGC	CCG
GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG	TGT	GAG	AGC	GGC
TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC	CTC	AGA	CAC	TGC
CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG	GAA	ATG	GGT	CAG
GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG	GAC	CGG	GAC	ACC
GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG	TAC	CGG	CAT	TAT
TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC	TTC	AAT	TGC	AGC
CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC	CTC	TCC	TGC	CAG
GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC	TGC	CAT	GCA	GGT
TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT	GTC	TCC	TGT	AGT
AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC	ACG	AAG	TTG	TGC
CTA	CCC	CAG	ATT	GAG	AAT	GTT	AAG	GGC	ACT	GAG	GAC
TCA	GGC	ACC	ACA								

, or a C- and/or N- terminally shortened sequence thereof;

E) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA
 CTG GTG CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC
 TCA GGG GTT ATT GGA CTG GTC CCT CAC CTA GGG GAC
 AGG GAG AAG AGA GAT AGT GTG TGT CCC CAA GGA AAA
 TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT ACC
 AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT
 CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
 GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC
 AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA
 ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC
 CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG TAC
 CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC TTC
 AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC CTC
 TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC
 CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC
 TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG
 AAG TTG TGC CTA CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

F) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA
 CTG GTG CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC
 TCA GGG GTT ATT GGA CTG GTC CCT CAC CTA GGG GAC
 AGG GAG AAG AGA GAT AGT GTG TGT CCC CAA GGA AAA
 TAT ATC CAC CCT CAA AAT AAT TCG ATT TGC TGT ACC
 AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT
 CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
 GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC
 AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA
 ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC
 CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG TAC
 CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC TTC
 AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC CTC
 TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC
 CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC
 TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG
 AAG TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC
 ACT GAG GAC TCA GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof;

G) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA

CTG	GTG	CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC
TCA	GGG	GTT	ATT	GGA	GAT	AGT	GTG	TGT	CCC	CAA	GGA
AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT
ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC
TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG
TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC
CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG
GAC	CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG
TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC
TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC
CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC
TGC	CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT
GTC	TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC
ACG	AAG	TTG	TGC	CTA	CCC	CAG	ATT	GAG	AAT		

, or a C- and/or N- terminally shortened sequence thereof;

H) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA
CTG	GTG	CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC
TCA	GGG	GTT	ATT	GGA	GAT	AGT	GTG	TGT	CCC	CAA	GGA
AAA	TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT
ACC	AAG	TGC	CAC	AAA	GGA	ACC	TAC	TTG	TAC	AAT	GAC
TGT	CCA	GGC	CCG	GGG	CAG	GAT	ACG	GAC	TGC	AGG	GAG
TGT	GAG	AGC	GGC	TCC	TTC	ACC	GCT	TCA	GAA	AAC	CAC
CTC	AGA	CAC	TGC	CTC	AGC	TGC	TCC	AAA	TGC	CGA	AAG
GAA	ATG	GGT	CAG	GTG	GAG	ATC	TCT	TCT	TGC	ACA	GTG
GAC	CGG	GAC	ACC	GTG	TGT	GGC	TGC	AGG	AAG	AAC	CAG
TAC	CGG	CAT	TAT	TGG	AGT	GAA	AAC	CTT	TTC	CAG	TGC
TTC	AAT	TGC	AGC	CTC	TGC	CTC	AAT	GGG	ACC	GTG	CAC
CTC	TCC	TGC	CAG	GAG	AAA	CAG	AAC	ACC	GTG	TGC	ACC
TGC	CAT	GCA	GGT	TTC	TTT	CTA	AGA	GAA	AAC	GAG	TGT
GTC	TCC	TGT	AGT	AAC	TGT	AAG	AAA	AGC	CTG	GAG	TGC
ACG	AAG	TTG	TGC	CTA	CCC	CAG	ATT	GAG	AAT	GTT	AAG
GGC	ACT	GAG	GAC	TCA	GGC	ACC	ACA				

, or a C- and/or N- terminally shortened sequence thereof; and

I) DNA comprising the sequence:

ATG	GGC	CTC	TCC	ACC	GTG	CCT	GAC	CTG	CTG	CTG	CCA
CTG	GTG	CTC	CTG	GAG	CTG	TTG	GTG	GGA	ATA	TAC	CCC
TCA	GGG	GTT	ATT	GGA	CTG	GTC	CCT	CAC	CTA	GGG	GAC
AGG	GAG	AAG	AGA	GAT	AGT	GTG	TGT	CCC	CAA	GGA	AAA
TAT	ATC	CAC	CCT	CAA	AAT	AAT	TCG	ATT	TGC	TGT	ACC

AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT GAC TGT
 CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT
 GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC
 AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA
 ATG GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC
 CGG GAC ACC GTG TGT GGC TGC AGG AAG AAC CAG TAC
 CGG CAT TAT TGG AGT GAA AAC CTT TTC CAG TGC TTC
 AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG CAC CTC
 TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC
 CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC
 TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG
 AAG TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC
 ACT GAG GAC TCA GGC ACC ACA GTG CTG TTG CCC CTG
 GTC ATT TTC TTT GGT CTT TGC CTT TTA TCC CTC CTC
 TTC ATT GGT TTA ATG TAT CGC TAC CAA CGG TGG AAG
 TCC AAG CTC TAC TCC ATT GTT TGT GGG AAA TCG ACA
 CCT GAA AAA GAG GGG GAG CTT GAA GGA ACT ACT ACT
 AAG CCC CTG GCC CCA AAC CCA AGC TTC AGT CCC ACT
 CCA GGC TTC ACC CCC ACC CTG GGC TTC AGT CCC GTG
 CCC AGT TCC ACC TTC ACC TCC AGC TCC ACC TAT ACC
 CCC GGT GAC TGT CCC AAC TTT GCG GCT CCC CGC AGA
 GAG GTG GCA CCA CCC TAT CAG GGG GCT GAC CCC ATC
 CTT GCG ACA GCC CTC GCC TCC GAC CCC ATC CCC AAC
 CCC CTT CAG AAG TGG GAG GAC AGC GCC CAC AAG CCA
 CAG AGC CTA GAC ACT GAT GAC CCC GCG ACG CTG TAC
 GCC GTG GTG GAG AAC GTG CCC CCG TTG CGC TGG AAG
 GAA TTC GTG CGG CGC CTA GGG CTG AGC GAC CAC GAG
 ATC GAT CGG CTG GAG CTG CAG AAC GGG CGC TGC CTG
 CGC GAG GCG CAA TAC AGC ATG CTG GCG ACC TGG AGG
 CGG CGC ACG CCG CGG CGC GAG GCC ACG CTG GAG CTG
 CTG GGA CGC GTG CTC CGC GAC ATG GAC CTG CTG GGC
 TGC CTG GAG GAC ATC GAG GAG GCG CTT TGC GGC CCC
 GCC GCC CTC CCG CCC GCG CCC AGT CTT CTC AGA

, or a C- and/or N- terminally shortened sequence thereof;

J) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one conservative amino acid substitution;

K) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a glycosylation site;

L) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a proteolytic cleavage site; and

M) a DNA sequence of A, B, C, D, E, F, G, H or I encoding at least one amino acid substitution at a cysteine residue.

82. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, characterized in that the polypeptide is encoded by a nucleic acid which hybridizes with DNA complementary to the DNA defined in claim 69 under conditions of moderate stringency.

83. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

T0990

R ²	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
	cys	leu	pro	gln	ile	glu	asn							

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a polypeptide which can be cleaved *in vivo*; [and]

B) a polypeptide comprising the amino acid sequence:

T0991

R ²	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu

asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser
gly	thr	thr											

, or a C- and/or N- terminally shortened sequence thereof, wherein R² is absent or is a polypeptide which can be cleaved *in vivo*;

C) a polypeptide comprising the amino acid sequence of A or B with at least one conservative amino acid substitution;

D) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a glycosylation site;

E) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a proteolytic cleavage site; and

F) a polypeptide comprising the amino acid sequence of A or B with at least one amino acid substitution at a cysteine residue.

²⁰ 95. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, characterized in that the polypeptide is encoded by a nucleic acid which hybridizes with DNA complementary to the DNA defined in claim ¹² 83 under conditions of moderate stringency.

²¹ 96. (Amended) A polypeptide according to claim ¹² 83, wherein said polypeptide is selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu

tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn							

, or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

T11010

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	pro
gln	ile	glu	asn										

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

T11011

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser
gly	thr	thr											

, or a C- and/or N- terminally shortened sequence thereof; and

D) a polypeptide comprising the amino acid sequence:

T1020

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	pro
gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr	thr

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one conservative amino acid substitution;

F) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a glycosylation site;

G) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a proteolytic cleavage site; and

H) a polypeptide comprising the amino acid sequence of A, B, C or D with at least one amino acid substitution at a cysteine residue.

23
103. (Amended) A recombinant polypeptide which is nonglycosylated [or has a glycosylation pattern different from urinary-derived TNF inhibitor] or is glycosylated by a CHO cell and has the ability to bind to TNF, wherein said polypeptide is selected from the group consisting of: :

A) a polypeptide comprising the amino acid sequence:

T1030

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn,						

or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

T1031

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

T1032

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn

gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof;

D) a polypeptide comprising the amino acid sequence:

T10407

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence:

T1041

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

F) a polypeptide comprising the amino acid sequence:

met gly leu ser thr val pro asp leu leu leu pro leu val
 leu leu glu leu leu val gly ile tyr pro ser gly val ile
 gly leu val pro his leu gly asp arg glu lys arg asp ser
 val cys pro gln gly lys tyr ile his pro gln asn asn ser
 ile cys cys thr lys cys his lys gly thr tyr leu tyr asn
 asp cys pro gly pro gly gln asp thr asp cys arg glu cys
 glu ser gly ser phe thr ala ser glu asn his leu arg his
 cys leu ser cys ser lys cys arg lys glu met gly gln val
 glu ile ser ser cys thr val asp arg asp thr val cys gly
 cys arg lys asn gln tyr arg his tyr trp ser glu asn leu
 phe gln cys phe asn cys ser leu cys leu asn gly thr val
 his leu ser cys gln glu lys gln asn thr val cys thr cys
 his ala gly phe phe leu arg glu asn glu cys val ser cys
 ser asn cys lys lys ser leu glu cys thr lys leu cys leu
 pro gln ile glu asn val lys gly thr glu asp ser gly thr

, or a C- and/or N- terminally shortened sequence thereof;

G) a polypeptide comprising the amino acid sequence:

met gly leu ser thr val pro asp leu leu leu pro leu val
 leu leu glu leu leu val gly ile tyr pro ser gly val ile
 gly asp ser val cys pro gln gly lys tyr ile his pro gln
 asn asn ser ile cys cys thr lys cys his lys gly thr tyr
 leu tyr asn asp cys pro gly pro gly gln asp thr asp cys
 arg glu cys glu ser gly ser phe thr ala ser glu asn his
 leu arg his cys leu ser cys ser lys cys arg lys glu met
 gly gln val glu ile ser ser cys thr val asp arg asp thr
 val cys gly cys arg lys asn gln tyr arg his tyr trp ser
 glu asn leu phe gln cys phe asn cys ser leu cys leu asn
 gly thr val his leu ser cys gln glu lys gln asn thr val
 cys thr cys his ala gly phe phe leu arg glu asn glu cys
 val ser cys ser asn cys lys lys ser leu glu cys thr lys
 leu cys leu pro gln ile glu asn

, or a C- and/or N- terminally shortened sequence thereof;

H) a polypeptide comprising the amino acid sequence:

met gly leu ser thr val pro asp leu leu leu pro leu val
 leu leu glu leu leu val gly ile tyr pro ser gly val ile
 gly asp ser val cys pro gln gly lys tyr pro ser ile his pro gln

asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof; [and]

I) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys	leu
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg
trp	lys	ser	lys	leu	tyr	ser	ile	val	cys	gly	lys	ser	thr
pro	glu	lys	glu	gly	glu	leu	glu	gly	thr	thr	thr	lys	pro
leu	ala	pro	asn	pro	ser	phe	ser	pro	thr	pro	gly	phe	thr
pro	thr	leu	gly	phe	ser	pro	val	pro	ser	ser	thr	phe	thr
ser	ser	ser	thr	tyr	thr	pro	gly	asp	cys	pro	asn	phe	ala
ala	pro	arg	arg	glu	val	ala	pro	pro	tyr	gln	gly	ala	asp
pro	ile	leu	ala	thr	ala	leu	ala	ser	asp	pro	ile	pro	asn
pro	leu	gln	lys	trp	glu	asp	ser	ala	his	lys	pro	gln	ser
leu	asp	thr	asp	asp	pro	ala	thr	leu	tyr	ala	val	val	glu
asn	val	pro	pro	leu	arg	trp	lys	glu	phe	val	arg	arg	leu
gly	leu	ser	asp	his	glu	ile	asp	arg	leu	giu	leu	gln	asn
gly	arg	cys	leu	arg	glu	ala	gln	tyr	ser	met	leu	ala	thr

trp	arg	arg	arg	thr	pro	arg	arg	glu	ala	thr	leu	glu	leu
leu	gly	arg	val	leu	arg	asp	met	asp	leu	leu	gly	cys	leu
glu	asp	ile	giu	glu	ala	leu	cys	gly	pro	ala	ala	leu	pro
pro	ala	pro	ser	leu	leu	arg							

, or a C- and/or N- terminally shortened sequence thereof;

J) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one conservative amino acid substitution;

K) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a glycosylation site;

L) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a proteolytic cleavage site; and

M) a polypeptide comprising the amino acid sequence of A, B, C, D, E, F, G, H, or I with at least one amino acid substitution at a cysteine residue.

Please insert new claims ~~107-115~~.

²⁴
~~107~~. A polypeptide according to claim ~~103~~²³, wherein said polypeptide is chemically derivatized.

²⁵
~~108~~. A polypeptide having the ability to bind to TNF comprising an amino acid sequence as set forth in one of claims ~~69, 78, 80, 83, 96~~^{1, 9, 10, 12, 21, 23} and ~~103~~²³ with at least one intrasequence conservative amino acid substitution.

²⁶
~~109~~. (Amended) A polypeptide according to claim ~~108~~²⁵, wherein said polypeptide includes at least one additional amino acid at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.

²⁷
~~110~~. (Amended) A polypeptide according to claim ~~109~~²⁶, wherein said polypeptide includes at least one additional amino acid at the amino-terminus and at the carboxyl-terminus.

²⁸
~~111~~. (Amended) A polypeptide according to claim ~~108~~²⁵, wherein said polypeptide includes at least one additional amino acid at the amino-terminus.

²⁹
112. (Amended) A polypeptide according to claim ²⁵~~111~~, wherein said polypeptide includes a methionine at the amino-terminus.

³⁰
113. (Amended) A polypeptide according to claim ²⁶~~109~~, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

³¹
114. (Amended) A polypeptide according to claim ²⁵~~108~~, wherein said polypeptide includes a methionine at the amino-terminus and said amino acid substitution is at a glycosylation site.

³²
115. (Amended) A polypeptide according to claim ²⁵~~108~~, wherein said amino acid substitution is at a glycosylation site.--
